



South Coast Air Quality Management District

ExxonMobil Refinery

2011 Rule 1118 Quarterly Flare Emissions

Emission Target

2011 SOx Emissions Target (lbs)	Year-to-date SOx Emissions (lbs)
76,603	68,262.00

Quarter I (January 1, 2011 - March 31, 2011)

Flare ID	Total Vent Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
55F-1	2,371,900	18.1	299.6	21.6	94.9	1.9
65F	150,485,800	1,547.10	3,869.90	2,101.90	12,264.50	56,010.10
Total	152,857,700	1,565.20	4,169.50	2,123.50	12,359.40	56,012.00

Quarter II (April 1, 2011 - June 30, 2011)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
55F-1	2,308,500	23.7	368.6	157.1	453.3	2.2
65F	5,966,740	278.1	1,195.20	461.9	2,678.20	6,624.90
Total	8,275,240	301.8	1,563.80	619	3,131.50	6,627.10

Quarter III (July 1, 2011 - September 30, 2011)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
55F-1	3,513,200	42.3	568	561.2	1,521.60	2.9
65F	5,510,000	266.3	932.3	352.9	2,045.30	4,002.90
Total	9,023,200	308.6	1,500.30	914.1	3,566.90	4,005.80

Quarter IV (October 1, 2011 - December 31, 2011)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
55F-1	2,359,000	17.7	306.7	16.5	82.6	2
65F	4,841,821	40.5	606.8	48.5	257.2	1,615.10
Total	7,200,821	58.2	913.5	65	339.8	1,617.10